

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Page 1, after the title, insert the following subheading (centered):

a1

BACKGROUND OF THE INVENTION

Page 3, before the paragraph beginning on line 12 with "We have discovered that," insert the following subheading (centered):

a2

SUMMARY OF THE INVENTION

Page 4, before the paragraph beginning on line 7 with "Examples of olefins suitable," insert the following subheadings (centered) and paragraphs:

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a graph showing the GPC of polyethylene produced in accordance with the process of the invention in the presence of diethylzinc and in the absence of diethylzinc;

Fig. 2 is a graph showing the distribution of even alkanes at different diethylzinc concentrations:

Fig. 3 is a graph showing yields of even alkanes at different reaction times;

Figs. 4 and 5 are graphs similar to the graph of Fig. 1;

Fig. 6 is a graph showing the distribution of even alkanes;

Fig. 7 is a graph similar to the graph of Fig. 1;

Fig. 8 is a graph showing that diethylzinc does not affect the branching level in the reaction;

Fig. 9 is a graph similar to the graph of Fig. 6;

Fig. 10 is a graph similar to the graph of Fig. 1;

Fig. 11 is a graph showing the hexane versus 1-hexene content of the toluene fraction;

Fig. 12 is a graph showing the GC-analysis of the toluene solution; and

Fig. 13 is a graph similar to the graph of Fig. 6.

DETAILED DESCRIPTION OF THE INVENTION
